



HF Happenings



South African Radio League * Suid-Afrikaanse Radioliga
Member Society of the International Amateur Radio Union since 1925
www.sarl.org.za www.iaru.org www.iaru-r1.org

April

- 1 - Family day; Pesach ends
- 4 - SARL 80 m QSO Party
- 5 to 7 - Bathurst Agricultural Show
- 6 - RaDAR Contest
- 8 - Coastal schools open
- 9 - Inland schools open
- 11 - Closing date May RAE; Hindi New Year
- 14 - Ironman SA, Port Elizabeth
- 18 - World Amateur Radio Day
- 20 - SARL Autumn QRP Contest; International Marconi Day; Barrels and Beards, Bot River
- 25 - Lunar eclipse
- 26 and 27 - SARL National Convention; Prince Albert Olive Festival; Mpumalanga Wine Show, Nelspruit
- 27 - Freedom Day
- 26 to 28 - Bedford Soul Food Festival
- 27 and 28 - Haenertsburg Kiwi Festival
- 26 to 29 - Africa Bike Week, Margate



Issue: 551

April 2013

A CQ Exclusive.....

On page 30 of the April 2013 issue of *CQ* you can read a thought provoking article "Signals detected from Outer Space by the Lauton Institute's Centre for Research on Alien Populations" by Professor Emil Heisseluft, head of the Lauton Institute, Grossmaul-an der Donau, Austria. Prof Emil Heisseluft writes an article once a year for *CQ* magazine, always the April issue!!

Results of the 2012 CQ WW WPX SSB Contest

Congratulations to all the radio amateurs below

Name and Call Sign	Band/power	Final score	QSOs	Zones	Countries
Gary, ZS5NK	AB HP	613 836	971	75	161
Bernie, ZS4TX	AB HP	27 393	142	28	41
Andrew, ZS1AW	AB HP	806	28	8	23
Fred, ZS5SAM	AB LP	582 687	1082	53	136
Johan, ZS2I	AB LP	146 828	363	47	95
Paul, ZS1S	AB LP	44 286	125	38	84
Theunis, ZS2EC	AB LP	14 025	92	27	48
Evan, ZS6ELI	AB LP	3 577	44	19	30
Allan, ZS1LS	AB HP Assd	132 966	197	72	177
Rickus, ZS4A	28 HP Assd	17 300	128	17	33
Geoff, ZS6GRL	AB LP Assd	56 507	171	48	73
Karel, ZU6KB	28 LP Assd	277 600	977	26	74

The Buzz - Electric car and 52 MHz

Peter Ellis, VK1PE, has found a story that may have a hidden threat for 6 metres, in Japan and potentially elsewhere.

From "What's new in Electronics" magazine for March/April 2013, comes this story.

Conventional battery-based electric vehicles are not popular with drivers because of drawbacks that mostly stem from the need to store large batteries on-board cars, so there are strong demands for alternative means of powering electric cars.

In a novel approach, Takashi Ohira at Toyohashi University of Technology and colleagues are developing an innovative method for powering EVs that drastically

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Current Summits-on-the-Air (SOTA) activities are announced at
www.sotawatch.org

And more SOTA information can be found at www.sota.org.uk



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reduces the number of batteries. The approach exploits the steel belt usually embedded in rubber tyres. The steel belt collects power excited from a pair of electrodes buried beneath the road surface. And, since the steel belt is electrically insulated by the rubber tread, the researchers used a displacement current at high frequency to penetrate from underground to the steel belt.

The researchers constructed a 1/32 scale electric vehicle to prove their concept. The car moved successfully with a power penetration efficiency exceeding 75% at... 52 MHz. This is the world's first demonstration of electric power transfer via the car wheel to the vehicle.

So, will the frequency scale, too? Up, to 1,664 GHz or down, to 1,625 MHz. Or, will it just stay on 6 metres?

What's new in Electronics <http://www.electroline.com.au/>

SARL 80 m QSO Party

The aim of this contest is to create an interest in and activity on the 80 m band. It is a phone only contest on Thursday 4 April 2013 from 17:00 to 20:00 UTC.

Only frequencies in the segment 3 603 to 3 650 and 3 700 to 3 800 kHz may be used and the exchange is call signs, a RS signal report and the operator's name.

You can take part as a Single Operator station or a Short Wave Listener (SWL).

You earn 10 points for every contact with a South African station and 15 points for every contact with a station outside South Africa.

Log sheets shall be sent by e-mail to zs5lp@vodamail.co.za and the closing date for your log submissions is 12 April 2013.

RaDAR Contest

The RaDAR contest is an event aimed at promoting the use of Rapidly Deployable Amateur Radio stations. This contest is for all licensed radio amateurs. A choice is made prior to the contest to participate in one of the defined categories. The points system is so structured as to encourage portable operation especially moveable stations.

The contest will be on the air on Saturday 6 April 2013, starting at 14:00 UTC and ending at 18:00 UTC - 4 hours = Approximately 2 during the day and 2 at night.

All amateur bands, besides the WARC bands, are allowed including cross band contacts via amateur radio satellites. Modes - CW, SSB, AM, FM or any digital mode. QSOs via terrestrial repeaters will NOT be allowed.

The suggested HF Calling frequencies are CW 1 836, 3 560, 7 030,

14 080, 21 080 and 28 060 kHz; SSB 1 845, 3 690, 7 090, 14 240, 21 350 and 28 360 kHz (ZU licensees have access to 80, 40 and 10 m); PSK 1 838 - 1 840, 3 580 - 3 582, 7 040 - 7 047 and 14 070 - 14 072 kHz; RTTY 3 582 - 3 620, 7 042 - 7 060 kHz and 14 080 - 14 099 kHz (check the IARU Region 1 HF Band plan for more detail).

The exchange is call sign, name, RS(T) report, QTH and grid locator. Note the grid locator can change as RaDAR operators are allowed to move position at any time. The grid locator of six digits is acceptable but should preferably be accurate to 10 digits. If the grid locator is not known, then some other information that could describe the location, e.g. Mabula Lodge, 40 km west of Warmbaths

Each QSO counts 1 point and 1 QSO per mode, per band / satellite, per

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Have you done
anything this week
to Promote
Amateur Radio?



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call sign is allowed.

The following multipliers are applicable to determine the final score.

a. Category:

Fixed RaDAR station - at home / portable away from home

Moving RaDAR station - on foot / in a car, on a motorcycle or bicycle

b. Category multiplier:

X 1 - RaDAR Fixed station (at home or in another building)

X 2 - RaDAR Field station (portable away from home)

X 3 - Moving RaDAR station, car / motorcycle / bicycle - minimum 5 km

X 4 - Moving RaDAR station, on foot - minimum 1 km

Note: Moving RaDAR stations can move at any time but are required to move to the next destination after five contacts have been made from the present location. The move needs to

cover the required distance before further contacts are allowed to be made.

c. Power multiplier: The power multiplier that applies is determined by the highest power output of any of the transmitters used during the contest - 5 watts or less the power multiplier is six (6); 6 to 50 watts, the power multiplier is four (4) and 51 watts or greater, the power multiplier is two (2).

Bonus points (All categories). 5 Points (equivalent to five QSOs) for a minimum of one satellite or any digital mode QSO involving a computer. (For clarity: thereafter 1 point per Satellite / Digital modes QSO)

Log Sheets must be sent to edleighton@gmail.com and the closing date for logs is 22 April 2013. A photo of the station (JPG format) MUST accompany every log entry.

"... promoting the use of Rapidly Deployable Amateur Radio stations."

Autumn QRP Contest

The QRP contests are intended to be fun activities to promote QRP operation between radio amateurs. Using homebuilt equipment or operating as a portable / field station and using temporary antennas is encouraged, but is not a requirement.

The Autumn QRP Contest takes place on Saturday 20 April 2013 from 12:00 to 15:00 UTC.

General Info - Modes: SSB and CW; Power: 5 watts (PEP) output or less; A station may be worked once per band per mode; there are no antenna restrictions.

The first hour is limited to the 40m band only, the remaining two hours the contestants are free to use any HF (non-WARC) band as they see fit.

Comply with the contest preferred segments as detailed in the general rules. It would be advantageous to use the standard QRP calling frequencies as the starting point.

The exchange is a RS(T) report and Grid locator. Please consider exchanging realistic RS(T) signal reports. Please use the full 6-character grid locator, e.g. KG43eu. If the station's grid locator is unknown, then use some other means that identifies the station's location: E.g. the name of the closest town or city e.g. Middelburg (Eastern Cape), or 25 km NW of Bloemfontein.

With DX contacts the locator information can be omitted, the RS(T) will suffice as the minimum required exchange as per the general rules

Each contact counts 1 point. Prefix/DXCC multiplier - each South African call area 1 through 9 counts as a multiplier and each DXCC country worked counts as a multiplier.

Station type multiplier - X 1 - for Home stations; X 2 - for Portable stations; X 3 - for ultra light portable field station.

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The definitions listed in the general section of the SARL rules define the above stations types accurately. A mobile station will be treated as a field station. A portable station not meeting the requirements as a field station will be treated as a home station. Ultra light portable field station must comply with all the field station criteria, but the entire station, antenna included, must be carried by the operator to the operating site. The distance carried must not be less than 1 km.

Score = (QSO points) X (No of prefixes worked) X (Station multiplier)

E-mailed logs submitted in electronic form will be appreciated. In order of preference the following formats are requested:

Using the provided Excel work-

sheet (available on SARL forum or direct from the contest manager)

Send the logs in a text readable format i.e. Excel worksheet, ADIF or Cabrillo format.

In all cases please fill out the normal minimum data fields: Date, Time, Call sign of station worked, Mode, RS (T) sent, Exchange sent, RS(T) received, Exchange received and optionally a Comment field.

If the logging program does not have a field for "contest exchange" or the alternative contest exchange is too long and does not fit in the provided entry field, then log that exchange info in the comment field.

Logs shall be submitted within 7 days after the contest to contest@sarl.org.za

African DX

Tanzania, 5H. Maurizio, IK2GZU, embarks on another "Mission Ilembula" to the southern regions of Tanzania between 7 April and 8 May. He will mainly be occupied with working on the electrical installations of the local hospital and orphanage. He hopes to find the time to re-erect his 3 Element Beam and get 5H3MB back on the air. QSL via IK2GZU. <http://www.buffoli-pm.it/5h/Tanzania%202011.htm>

Sudan, ST. Mario, CT1FTR, will continue his operations as ST2FT until June. His QTH is Khartoum, where he works with an FT-857, SGC-230 tuner and a loop antenna. QSL via CT1FTR.

African Islands

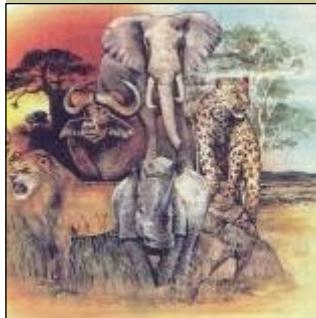
Reunion Island, FR, AF-016. Guy, F5MNW, will be active as FR/F5MNW from Reunion Island (AF-016, DIFO FR-001, WLOTA 1812, WWFF FFF-011) between 6 and 29 April 2013. He will be active on the HF bands on CW only. QSL via home call.

Seychelles, S7, AF-024. Nobby, GOVJG, will be active as S79VJG from the Chalets Anse Forbans, island of Mahe (WLOTA 3286, WW Loc LI75sf), Seychelles inner islands (AF-024) between 4 and 16 April 2013. He will be using SSB only on the HF bands with FT-897, 400 W amplifier and verticals on the beach. Nobby can only operate below 7,100 MHz, so he will operate split and listen up for North America around 7,258 MHz. QSL only via G4DFI, direct only.

Special Events

Mexico. Members of the Club de Radio Experimentadores de Occidente are celebrating the 80th anniversary of the founding of their club during the year 2013. The Club has obtained the special call sign 4A1TD from COFETEL which will be used by a team of operators in different competitions (ARRL, CQ and WAE, etc.)

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and in activity normally throughout the year. More information is available at <http://www.qrz.com/db/4A1TD>

France. Look for special event call sign TM28UFT to be active during the 28th annual meeting of the French CW Society, the Union Francaise des Telegraphistes UFT, which will be held in Panazol, Région Limousin, Center France, between 7 and 21 April.

Activity will be on the HF bands and possibly more, for this CW only operation. QSL Manager is Bernard, F9IE. All QSOs will be confirmed by the Bureau. SWL QSL cards should go also via the French Bureau. After the operation and before you QSL, please check your QSO online at the UFT Web site www.uft.net. However, those who would like to have a direct card, should ask for it not before 15 July, to Bernard, F9IE. In such a case, do not forget SAE and 1 valid IRC or 2 USDs.

France. To commemorate the 35th anniversary of the world well-known amateur radio club of Provins, F6KOP, and the inauguration of its new facilities, look for the special call sign TM35KOP to be active between 3 and 18 May.

Activity will be on all modes, including rare ones being used on 160 m to 10 GHz. The WW Locator is JN18pn. Most of the activity will be on the weekend of 8 and 9 May and 18 May, date of the manifestation in Provins.

QSL via F6KOP via the French Bureau. Direct QSLs go to F5NQL (address ok on QRZ.com; include SAE, 1 valid IRC (preferred) or 2 USDs).

As you know, F6KOP organised some big DXpeditions in the past like 5V7C, TO7C, 5H1C, J5C, XT2C, PJ4C, TJ9PF, 5X8C, TK7C, IS0R, TS7C, TM7CC, TM7C, and more in the French IOTAs.

Contest Calendar

SARL 80m QSO Party
17:00 - 20:00 UTC 4 April
Mode: SSB
Bands: 80 m Only
Classes: Single Op
Exchange: Call sign, RS and operators name
QSO Points: 10 points per QSO with South African station; 15 points per QSO with non-South African station
Multipliers: (none)
Score Calculation: Total score = total QSO points
Submit logs by: 12 April 2013
E-mail logs to: zs5lp@vodamail.co.za
Mail logs to: Durban ARC, 17 Brownlee Place, Bluff, Durban 4052, South Africa
Find rules at:
<http://www.sarl.org.za/Documents/SARL%20Contest%20Manual%202013%20Issue%2011.pdf>

QRP Fox Hunt
01:00 - 02:30 UTC 5 April
Mode: CW
Bands: 80m Only
Classes: Single Op (Fox/Hound)
Max power: 5 watts
Exchange: RST and (state/province/country) and name and power output
QSO Points: 1 point per QSO
Multipliers: (none)
Score Calculation: Total score = total QSO points
Submit logs by: 02:30 UTC 6 April 2013
E-mail logs to: (see rules)
Mail logs to: (none)
Find rules at:
http://www.qrpfoxyhunt.org/winter_rules.htm

NCCC RTTY Sprint
01:30 - 02:00 UTC 5 April

This week's contests compiled by Bruce Horn, WA7BNM. The period covered is 1 to 8 April 2013



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Mode: RTTY

Bands: (see rules)

Classes: (none)

Exchange: (see rules)

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 7 April 2013

E-mail logs to: (none)

Post log summary at:

<http://www.hornucopia.com/3830score/>

Mail logs to: (none)

Find rules at:

<http://www.nccsprint.com/rules.html>

NCCC Sprint

02:30 - 03:00 UTC 5 April

Mode: (see rules)

Bands: (see rules)

Classes: (none)

Exchange: (see rules)

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 7 April 2013

E-mail logs to: (none)

Post log summary at:

<http://www.hornucopia.com/3830score/>

Mail logs to: (none)

Find rules at:

<http://www.nccsprint.com/rules.html>

LZ Open 40 m Sprint Contest

04:00 - 08:00 UTC 6 April

Mode: CW

Bands: 40 m Only

Classes: Single Op - high, low or QRP;

Multi-Op; Straight Key; Lady Ops

Max power: QRP: 5 W

Exchange: 3-Digit serial no and 3-Digit serial no received from last QSO

Work stations: Once each 30 minutes

QSO Points: 1 point per QSO

Multipliers: (none)

Score Calculation: Total score = total QSO points

Submit logs by: 16 April 2013

E-mail logs to: LZ1GL@yahoo.com

Mail logs to: (none)

Find rules at:

<http://www.lzopen.com/lzocc40/indexF.htm>

PODXS 070 Club PSK 31 Flavours Contest

12:00 - 18:00 local 6 April

Mode: BPSK31, QPSK31, BPSK63, QPSK63, BPSK125

Bands: 20 m Only

Classes: QRP; Low; Medium

Max power: Medium: 100 watts; Low: 20 watts; QRP: 5 watts

Exchange: 070 members: state, province or country and member no; Non-members: state, province or country and name

Work stations: Once per PSK variant

QSO Points: 1 point per QSO

Multipliers: Each state, province and DXCC country once per mode

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 20 April 2013

Post log summary at: <http://www.podxs070.com/31-flavors-entry>

Mail logs to: (none)

Find rules at: <http://www.podxs070.com/31-flavors>

QRP ARCI Spring QSO Party

12:00 UTC 6 April to 23:59 UTC 7 April

Mode: CW

Bands: 160, 80, 40, 20, 15, 10 m

Classes: All Band; Single Band; High Bands; Low Bands

Max operating hours: 24

Exchange: RS, state, province or country and ARCI number or power

Work stations: Once per band

QSO Points: 5 points per QSO with ARCI member; 4 points per non-member

QSO with different continent; 2 points per non-member QSO with same continent

Multipliers: States, once per band; VE Provinces, once per band; Countries, once per band

Power Mult: >5 W = x 1, 1 - 5 W = x 7, 250 mW - 1 W = x 10, 55 - 250 mW = x 15, <55 mW = x 20

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Score Calculation: Total score = total QSO points x (state mults and province mults and country mults) x power mult

Submit logs by: 21 April 2013

E-mail logs to: contest@qrparci.org

Mail logs to: ARCI Spring 2013 QSO Party, c/o Brian Campbell, PO Box 135, 46485 Sparta Line, Sparta, Ontario N0L 2H0, Canada

Find rules at: <http://www.qrparci.org/contests/spring-qso-party-2013>

RaDAR contest

14:00 - 18:00 UTC 6 April

Mode: CW, SSB, AM, FM or any digital mode

Bands: 160, 80, 40, 20, 15, 10, 6, 4, 2 m, 70, 23 cm and higher

Classes: Fixed RaDAR station - at home / portable away from home; Moving RaDAR station - on foot / in a car, on a motorcycle or bicycle

Exchange: call sign, name, RS(T) report, QTH and grid locator

QSO Points: 1 points per QSO; 1 QSO per mode, per band / satellite, per call sign is allowed.

Multipliers: see rules

Score Calculation: see rules

Submit logs by: 22 April 2013

E-mail logs to: edleighton@gmail.com. A photo of the station (JPG format) MUST accompany every log entry.

Mail logs to: none

Find rules at:

http://www.sarl.org.za/Documents/SARL_Contest_Manual_2013_Issue_11.pdf

SP DX Contest

15:00 UTC 6 April to 15:00 UTC 7 April

Mode: CW, SSB

Bands: 160, 80, 40, 20, 15, 10 m

Classes: Single Op All Band Mixed - QRP, low or high; Single Op Three Band Mixed; Single Op All Band Phone - low or high; Single Op All Band CW - low or high; Single Op Single Band Phone; Single Op Single Band CW; Multi-Op All Band Mixed; SWL Mixed

Max power: HP: >100 watts; LP: 100 watts; QRP: 5 watts

Exchange: SP: RS(T) and 1-character province; non-SP: RS(T) and serial no

Work stations: Once per band per mode

QSO Points: SP: 3 points per QSO outside of Europe; SP: 1 point per QSO with non-SP Europe; non-SP: 3 points per QSO with SP

Multipliers: SP: Each DXCC country once per band regardless of mode; non-SP: Each SP province once per band regardless of mode

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 30 April 2013

E-mail logs to: spdxc-logs@pzk.org.pl

Mail logs to: Polski Związek Krotkofałowcow, SPDX Contest Committee, PO Box 320, 00-950 Warszawa, Poland

Find rules at:

http://www.spdxcontest.pzk.org.pl/reg/reg_g.html



EA RTTY Contest

16:00 UTC 6 April to 16:00 UTC 7 April

Mode: RTTY

Bands: 80, 40, 20, 15, 10 m

Classes: Single Op All Band; Single Op Single Band; Multi-Op

Exchange: EA: RST and province; non-EA: RST and serial no

Work stations: Once per band

QSO Points: 1 point per QSO on 20, 15 or 10 m with same continent; 2 points per QSO on 20, 15 or 10 m with different continent; 3 points per QSO on 40 or 80 m with same continent; 6 points per QSO on 40 or 80 m with different continent

Multipliers: Each EADX100 entity once per band; Each EA province once per band; Each USA, VE, JA or VK call area once per band

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 27 April 2013

E-mail logs to: rttycontest@ure.es

Mail logs to: (none)



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Find rules at: <http://www.ure.es/contest/430-ea-rtty-contest.html>

Missouri QSO Party

18:00 UTC 6 April to 05:00 UTC 7 April
and 18:00 - 23:59 UTC 7 April

Mode: CW, Phone

Bands: 160, 80, 40, 20, 15, 10 m

Classes: Missouri; Missouri Rover; Non-Missouri; DX

Exchange: MO: RS(T), serial no and county; non-MO W/VE: RS(T), serial no and state, province or territory; DX: RS(T), serial no and "DX"

Work stations: Once per band per mode

QSO Points: 1 point per phone QSO; 2 points per CW QSO; Bonus: 100 points for at least one QSO with special event station

Multipliers: MO: Each MO county, state, province and territory once

MO: Maximum of one DXCC country once; Non-MO: Each MO county once

Score Calculation: Total score = (total QSO points x total mults) and bonus

Submit logs by: 1 May 2013

E-mail logs to: moqsoparty@w0ma.org

Mail logs to: Boeing Employees' Amateur Radio Society WOMA, C/O Dave Propper, K2DP, 747 Old Bonhomme Rd., University City, MO 63132, USA

Find rules at: http://www.w0ma.org/mo_qso_party.htm

Texas State Parks on the Air

18:00 UTC 6 April to 21:00 UTC 7 April

Mode: CW, SSB, AM, Digital

Bands: 80, 40, 20, 15, 10, 6 m

Classes: Single Op TX Park - QRP, low or high; Single Op - QRP, low or high; Club/Multi-Op TX Park - QRP, low or high

Max power: QRP: 10 watts; LP: 150 watts; HP: >150 watts

Exchange: TX Park: "TX" and park abbreviation; TX non-park: "TX"; W/VE: state or province; DX: "DX"

Work stations: Once per band

QSO Points: 1 point per AM/SSB QSO; 2 points per CW/Digital QSO

Multipliers: each TX Park once

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 28 April 2013

E-mail logs to: logs@tspota.com

Mail logs to: Texas State Parks on the Air, c/o NARS, Northwest Amateur Radio Society, PO Box 90387, Houston, TX 77290-0387, USA

Find rules at: <http://tspota.com/site/page?view=rules>

RSGB RoPoCo SSB

19:00 - 20:30 UTC 7 April

Mode: SSB

Bands: 80 m Only

Classes: (none)

Max power: 100 watts

Exchange: RST and previous postcode received

QSO Points: 10 points per QSO with UK station

Multipliers: (none)

Score Calculation: Total score = total QSO points

Submit logs by: 23 April 2013

Upload log at: <http://www.rsgbcc.org/cgi-bin/hfenter.pl>

Mail logs to: RSGB G3UFY, 77 Bensham Manor Road, Thornton Heath, Surrey CR7 7AF, England

Find rules at: <http://www.rsgbcc.org/hf/rules/2013/rropoco.shtml>



Next Week's Contest

NAQCC Straight Key/Bug Sprint, 00:30 - 02:30 UTC 10 April

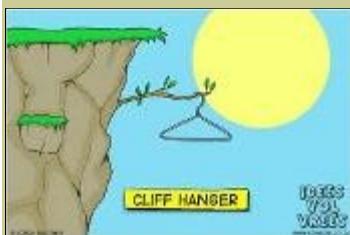
CWops Mini-CWT Test, 13:00 - 14:00 UTC, 19:00 - 20:00 UTC 10 April and 03:00 - 04:00 UTC 11 April

RSGB 80 m Club Championship, SSB, 19:00 - 20:30 UTC 10 April

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HF Happenings

HF Happenings-
subscribe@yahoogroups.com



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NCCC Sprint Ladder, 02:30 - 03:00 UTC 12 April
 Montana QSO Party, 00:00 UTC 13 April to 24:00 UTC 14 April
 SKCC Weekend Sprintathon, 12:00 UTC 13 April to 24:00 UTC 14 April
 New Mexico QSO Party, 14:00 UTC 13 April to 02:00 UTC 14 April
 NAQCC-EU Monthly Sprint, 18:00 - 20:00 UTC 15 April

History This Week for the week starting 1 April

- 2348 - BC Noah's ark grounded, Mount Ararat (calculated date)
- 1449 - The earliest English patent was granted to John of Utynam, protection for introducing the making coloured glass to England
- 1833 - Gauss & Weber, Germany, demonstrate electromagnetic telegraph
- 1849 - Safety pin patented by Walter Hunt (New York NY); sold rights for \$100
- 1852 - Word 'Telegram' first used. Albany Evening Journal, England
- 1872 - George B. Brayton of Boston, Mass. received a US patent for a gas-powered engine
- 1879 - Milk is sold in glass bottles for first time
- 1903 - Fred Skinner, NY, first 'amateur' with 42 persons on a 6 mile telegraph line
- 1926 - Second flight of a liquid-fuelled rocket by Robert Goddard
- 1972 - First electric power plant fuelled by garbage begins operating

Three men decided to go hunting and they work out that the trip will be much cheaper for everyone if they get a fourth hunter. They do not want to take just anybody, so they advertise in Farmer's Weekly.

Invitation: Looking for a fellow hunter to join a hunting trip to Namibia from 06/04/2013 to 14/04/2013. Must have own hunting rifle, a good shot and must enjoy a sociable evening with music and stories around the campfire. Contact Elephant Hunter at Vryburg 5555.

Nobody calls until two days before the trip. Elephant Hunter's phone rings late at night ...

"Good evening. Herman from Pretoria. I am calling about your ad in the Farmer's Weekly."

Elephant Hunter is suddenly wide-awake: "Evening Herman, yes, we have a place open. What gun do you have?"

Herman: "I do not have a gun, sir."

"That is not the worst, we will make a plan." Elephant Hunter says, "You can borrow one from me. You must be a top shottist?"

Herman: "Actually, I do not shoot."

"It's not the worst, take a few photos and socialise. You will surely enjoy a few drinks around the camp fire?"

"No, sir, I do not drink."

"Then you really enjoy entertaining with music and a few good stories around the campfire! Just the man we are looking for!"

"No, sir, I am actually very shy, an introvert."

"You do not have a gun, you do not shoot, you do not drink and you are an introvert as well ... Why do you call me at this time of night?"

"I'm just calling to tell you I cannot go with..."

Items used with acknowledgement to The ARRL Letter, Amateur Radio Newsline, OPDX Bulletin, 425 DX Bulletin, DXNL Bulletin, ARRL DX News, WIA-News, the RSGB News and Southgate ARC News